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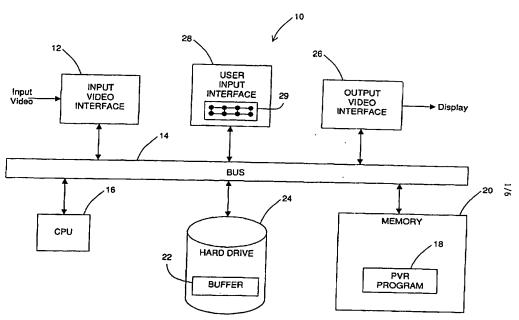
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(54) Title: MORE USER FRIENDLY TIME-SHIFT BUFFER



(57) Abstract: A PVR device (10) having a varying size time-shift buffer (22) that provides a guaranteed minimum replay time for a more consistent consumer experience. The PVR device includes a video data storage means (24), a video input means (12), a video output means (32), a user input means (28), an input module (30) for receiving the video input data and writing the video input in the time-shift buffer (22), an output module (32) for reading the written video data from the time-shift buffer (22) and displaying it via the video output means (32) and a trimming module (42) for reducing the size of the time-shift buffer (22).

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04N5/76 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 HO4N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A EP 1 185 095 A (BURST.COM, INC.) 1,3,6,9, 6 March 2002 (2002-03-06) 10,12, 17-19, 21-24,28 paragraph '0024! - paragraph '0027! paragraph '0033! - paragraph '0034!; figures 1,2,4 Υ 11,20,27 P,X US 2003/210891 A1 (BURDA) 1-4.9.13 November 2003 (2003-11-13) 10, 12-15. 17-19, 21-25, 28,29 . the whole document P,Y P,A 11,20,27 6.8 Further documents are listed in the continuation of box C. Patent family members are tisted in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the set. document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed in the art. *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 9 December 2004 21/12/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Verleye, J

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